

Fig. 1A

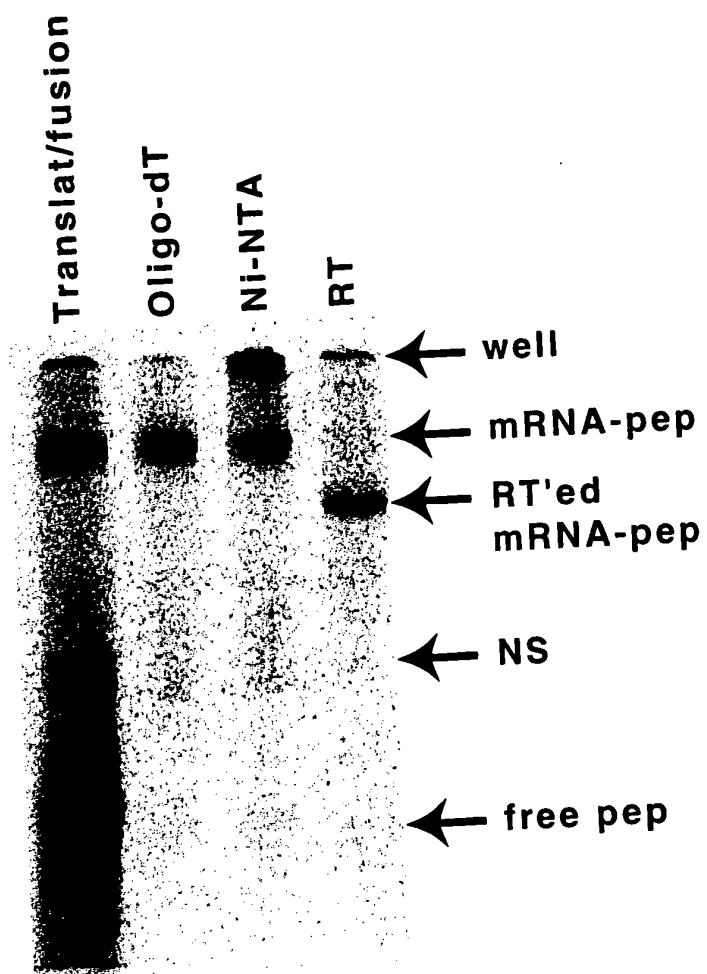


Fig. 1B

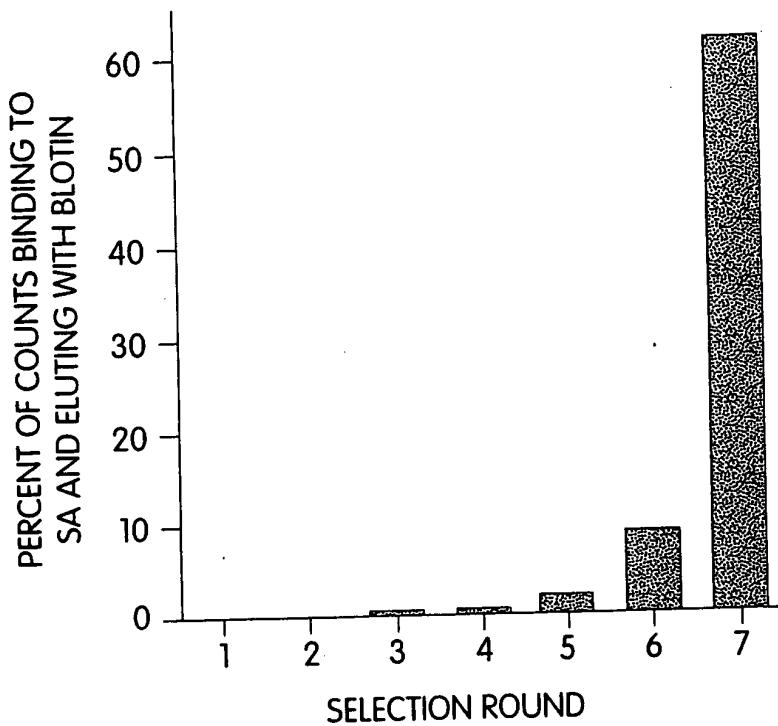


Fig. 2A

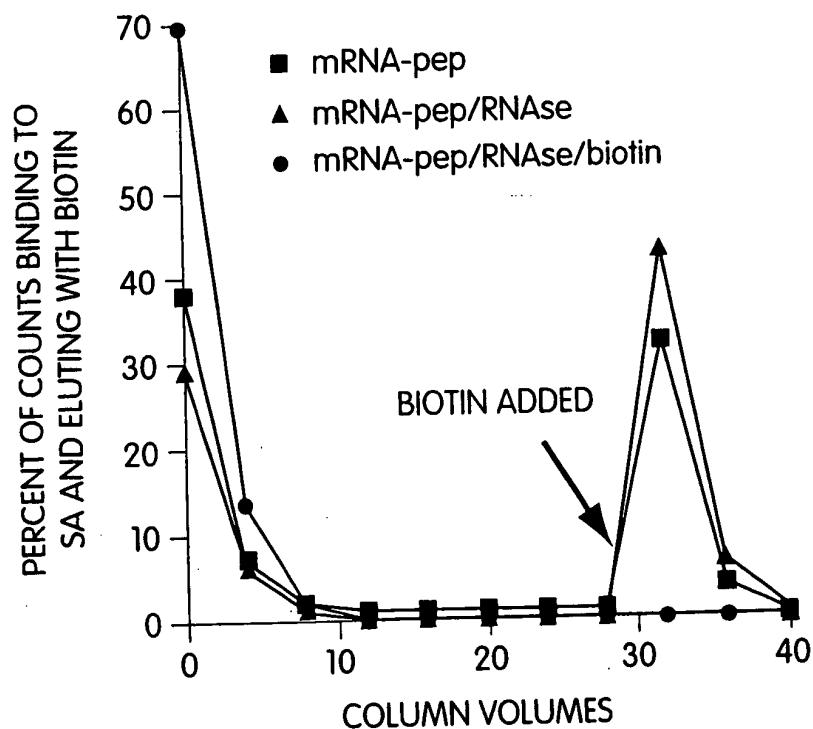


Fig. 2B

3  
Fig.

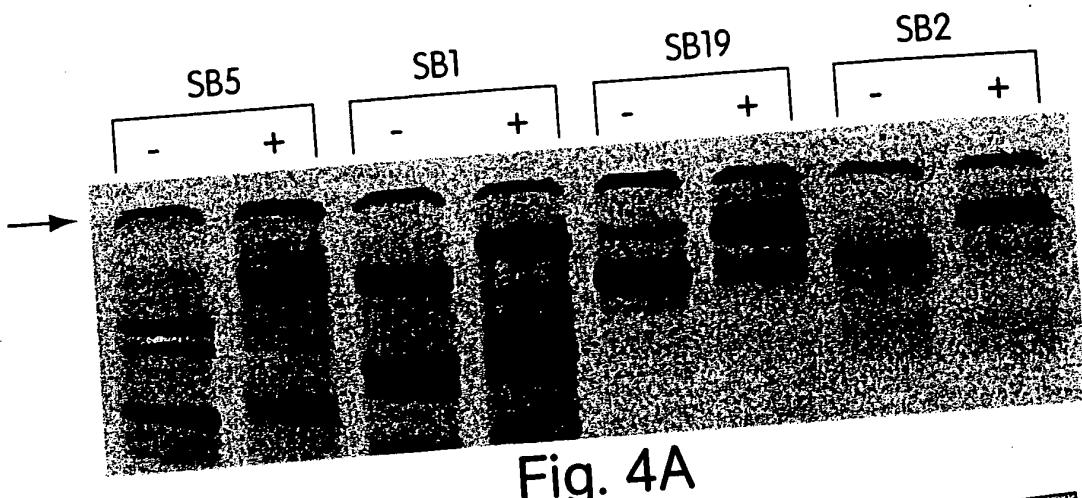


Fig. 4A

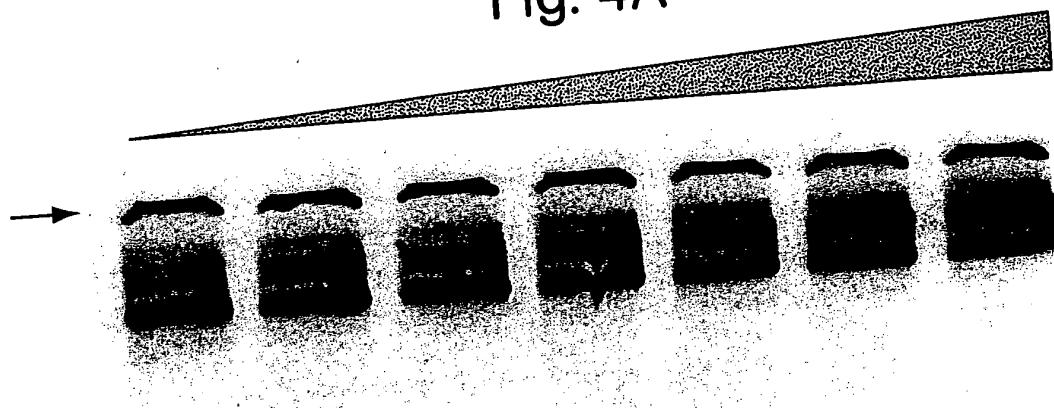


Fig. 4B

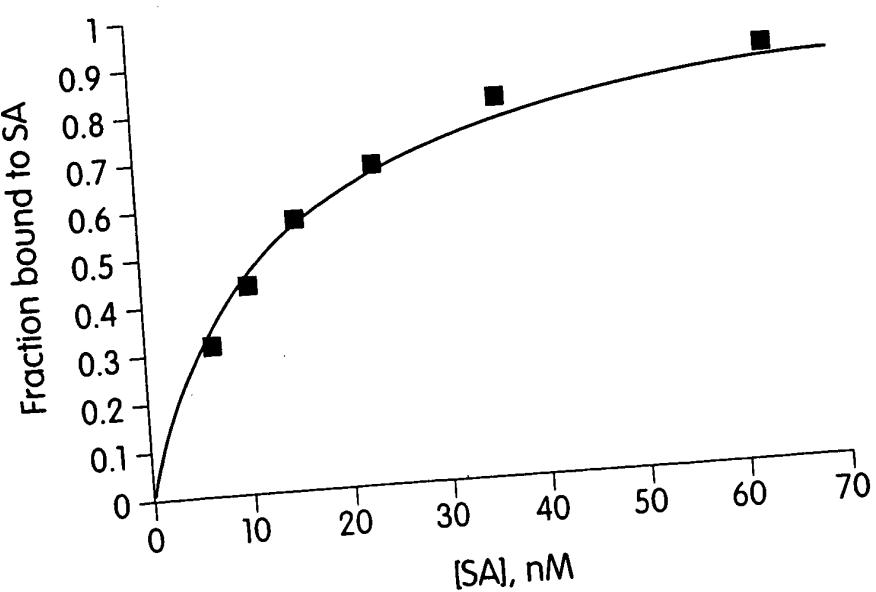


Fig. 4C

		% binding	SEQ ID NO:
FL	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HPPQQ</u> REPLYQEVEDVDEGLVQDLHGIVVAGLLDPVEKL LTDWFKKPKNSKDCKMTFYLEMYDWSGGCKLG	85	21
C1	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HPPQQ</u> REPLYQEVEDVDEGLVQDLHGIVVAGLLDPVEKL LTDWFKKPKNS	MMSGGCKLG	87
C2	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HPPQQ</u> REPLYQEVEDVDEGLVQDLHGIVVAGLLDPVE	MMSGGCKLG	88
C3	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HPPQQ</u> REPLYQEVEDVDEGLVQDLHGIVVAGLLDPVE	MMSGGCKLG	89
C4	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HPPQQ</u> REPLYQEVEDVDEGLVQ	MMSGGCKLG	88
M1	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HGA</u> QREP	MMSGGCKLG	0.065
N1 MD	GIVVAGLLDPVEKL LTDWFKKPKNSKDCKMTFYLEMYDWSGGCKLG	MMSGGCKLG	69
N2 MD	EGLAGELEQRLRARLE <u>HPPQQ</u> REPLYQEVEDVDEGLVQDLHGIVVAGLLDPVEKL LTDWFKKPKNSKDCKMTFYLEMYDWSGGCKLG	MMSGGCKLG	30
N3 M	ELEQRLRARLE <u>HPPQQ</u> REPP	MMSGGCKLG	0.058

Fig. 5

(SEQ ID No.: 37)

Fig. 6A

Fig. 6A (continued)

(SEQ ID No. : 38)

MGIEEGKLVIWINGDKGYNGLAEGVKKFEKDGTGKVTVEHPDKLKEEKFPQVAATGDDGPDIIFWAHDREFGYAQSGLLAEITPDKAQFDKLKYPFTWDAVRYNGKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWP  
LIAADGGYAFKYENGKYDIKDVGVDNAGAKAGLTFLVDLIKHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSK  
VNYGVTVLPTFKQGPKSKPFPVGVLSSAGINAASPNKELAKEFLENYLTLTDEGLEAVNKDKPLGAVALKSYYEEELAKDPRIAATMENAQKGEIMPNIPQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNTSSGGSGSGMDEKTGWRGGHVVEGLAGELEQ  
LRARLEHHPOQQREPGSGHHHHHEFLVPRGSMMDPCVKCKVAPRNWKVKNKHLRIYNMCKTCFNNNSIDIGDDTYHGHD

**Fig. 6B**

(SEQ ID No. : 39)

MDPCVVKCKVAPRNWKVKNKHLRIYNMCKTCFNNNSIDIGDDTYHGHD

**Fig. 6C**

205 FmD™ F2E™ GUD™

M D E K T T G W R G G V E G L A G E E Q L R A R L E H H P Q G Q R E P

Fig. 7A

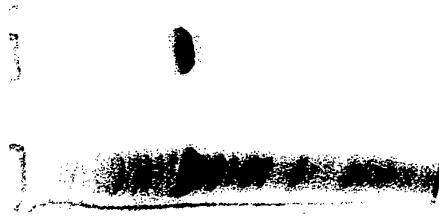
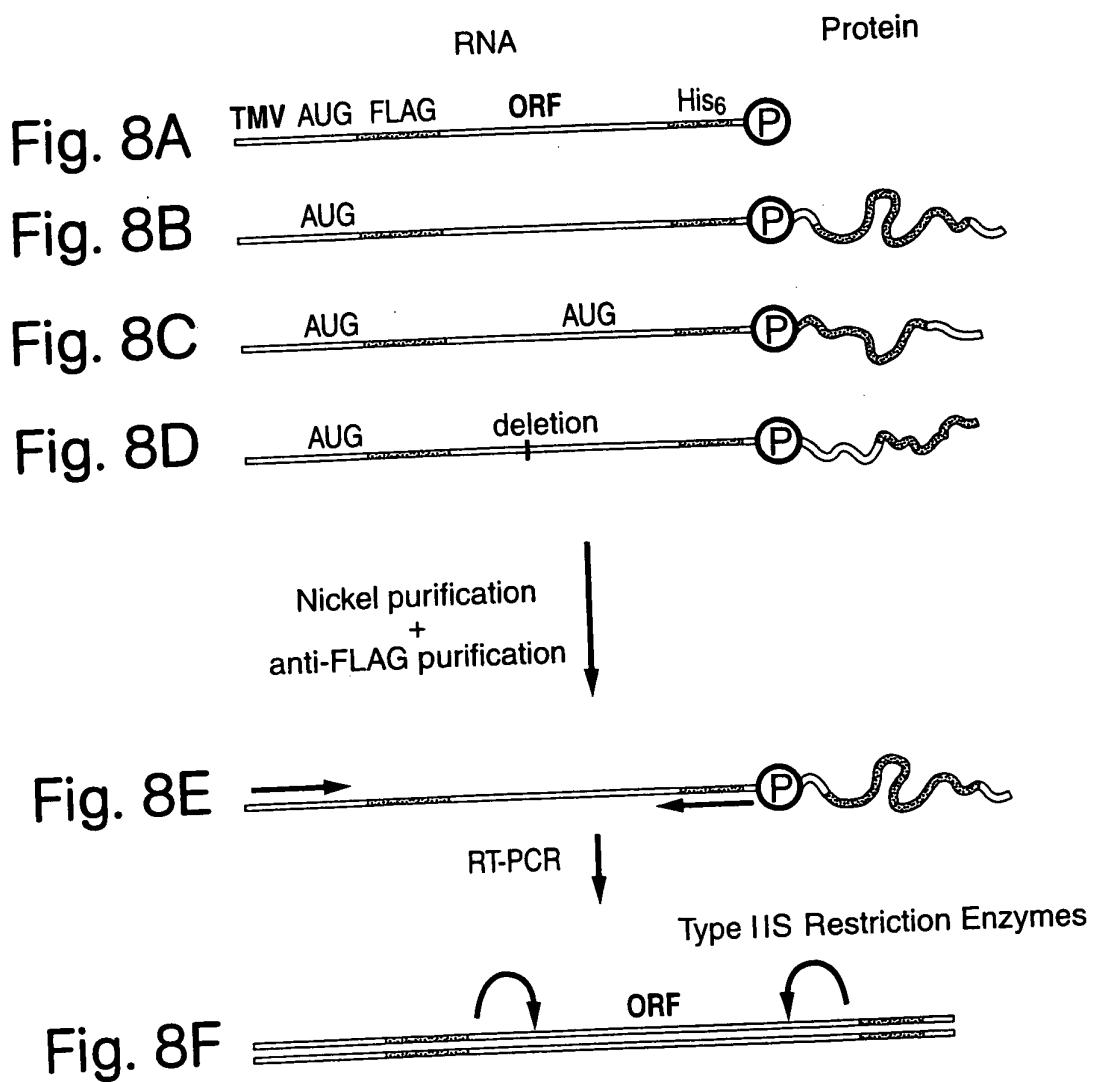


Fig. 7B



(SEQ ID No. : 40)

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GAGTGGGGGGCAAGCTCAGTTCTGGGATGATGGTGAATGGTACGGGATCCTGGTTCAAGCTTCAACCGTT  
GACCTTGTGGTGAATGGTCAAGTGGTGTGACGAAGTGGTCAAGTCCCAGCCAGTCCCAACAACTGGCCACCTCGC  
CAACCACTGGTCTCGTCCATCCCTGAGCCGCTACCTCTGAGCTCGAATTAGTCTGGCGTCTTCAGGGCTCATC  
GACAGTCTGACGACCCGCTGGGGCTTGAATCACCGCAGTAGGCCACGGCATACAGAAAGGGACATCTGGGGATGGTC  
GCATGATTICACCTTCTGGGGTTTCCATTGGGGCAATACCGGATCTTCAGCCAACTCTTCAGCTAAGACTTC  
AGCGCTACGGCACCCAGGGTTGTCTTATTACCGCTCCAGACCTTCATCAGTCAGCATAGTGGTCAAGAAACTC  
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TGAAGGGTGGCAGTACCGTTAACCATATTACATTTCAGTGGGATGGGACCATGGCCAGGGGGCTTGATGGTC  
ATCGCTGTTGCCTTATTAAAGGAGCTTCTGGATGGAGTAATCGGTGTGCATTATGTCGTTACTGGCGTTATTCAT  
GTCAACCAAGGAAGGGTAGACCCCGCTTTCGGCCAGCGTTATCCACGCCACGGCTTAAATGTCGAGGTCTTGCAGGT  
ACTTGAAACGCCATAACCCCGTCAAGCAGCAATCAGCGGCCAGGTGAAGTAGCGGTTACGGTCTTGCAGGT  
TTACCTTTCGCTTTCAGTTCTTATCCAGGGGGGATCTTCCCAGGTTTGGGGGTTGGCAGGAGATCTTGT  
ATAAAATCAGGATAAACGGTCAACAGGGATCGGGTAAGCAATCAGGTTGGTAAAGCTTACGGCATCCAGGTAAC  
GATACAGCTTGTCTGGAACCGCTTGTCCGGGGTGAATTAGGCTGAGATGGCCACAGGGCCAGATTGAGGCT  
TGTGCCAGAAGATAATGTCAGGGGATCTTCGAATTCTCGACTTCCATGGGAACTTGTGGGAATTTCCTCAGGTT  
AACGGTGACTTTAACCTCCGGTATCTTCGAATTCTCGATTccatggTATATCTCCTTCTTAAGGTTAAACAAATT  
TCCAGATTACCGATTACCTTACCTTCTCGATTccatggTATATCTCCTTCTTAAGGTTAAACAAATT  
ATTGGTATCCGCTACAATCCCTATAGTGAATGCTGTTAATTCCGGGATCGAGATCTCGATCCCTACGCCGGACG  
CATCGTGGGGCATCACCGGGCCACAGGTGGGTTGGCTGGGCTTATCGCCGACATCAGGGATGGGAAGATGGGG  
CTCGCCACTTGGGCTCATGAGGGCTTGTGAGGGGTGGTATGGGGGGACTGTTGGGGCC  
ATCTCCTTGCAATGCCACCATCCCTGGGGGGGTGCTCAACGGCTCAACCTACTGGGTGCTTCCATAAGGAGGA  
GTCGCATAAGGGAGGGCTGAGATCCGGGACACATCGAAATGGGCAAAACCTTTCGGGTATGGCATAGCGCCCC  
GAGAGAGTCAATTCAAGGGTGGTGAATGTGAAACCGGGCAGCCACGGTTCAGGGGAAAGGGGAGTGGGGAGC  
GACCGTTCCGGCTGGTGGTGAACCCAGGGCAGCCACGGTTCAGGGGAAACAGTGGGCAACTGGGTGCT  
TGAATTACATTCCAAACCGGGTGGCACAACAACATGGGGGCAACTGGGTGCTGATGGGTGCTGCACTCCAGTCTG  
GCCCTGGCAGGGGGGATAAATCTGGGGGGGATCAACTGGGTGCCAGCAACTGGGTGCTGAGTGGGTGCTGAT  
GGTAGAACGAAAGGGGGCTGTAAGGGCCTGAGGCTCAAGCGGTCAACTTCTCGGCAACAATCTTCTCGGCTGAT

Fig. 9A

Fig. 9A (continued)

CACTGGCAGGCCACTGGTAACAGGATTAGCAGGGCAGGTATGTAGCCGGTCTACAGAGTTCTTGAAGTGGGGCT  
AACTACGGCTACACTAGAAGGACAGTATTGGTATCTGGCTCTGGCTGAAGCCAGTTACCTCGGAAAAGAGTTGGTAG  
CTCTGATCCGGCAACAAACACCGCTGGTAGCCGGTTTTGGTGCAGGAGATTACGCCAGAAAGAAAAAAG  
GATCTCAAGAAGATCCTTGACTIONTCTACGGGCTGACGCTCAGTGGAAACGAAAACTCACGTAAGGGATTGGTC  
ATGACAATAAAACTGTCTGCTTACATAACAGTAATAACGGGTATTATGACCCATATTCAACGGGAAACGTTCTGCT  
CTAGGCCGGATTAAATCCAAACATGGATGCTGATTATATGGTATAATGGTATAATGGGTATAATGGGTATTGTTCTGA  
GGACAATCTATCGATGTATGGAAGGCCGATGCCAGAGTTGGTCTGAACATGGCAAAAGGTAGCGTGCCTAATGA  
TGTTACAGATGAGATGGTCAGACTAAACTGGCTGACGGAAATTATGCGCTCTCCGACCATCAAGCATTTCGTA  
CTGATGATGGCATGGTTACTCACCACTGGGATCCCCGGGAAACAGGCACTCCAGGTATTAGAAGAATATCCTGATT  
GAAATAATTGTTGATGCCCTGCGCTGGCAGTGTCTGCCGGGTGCAATTGCGATTCCCTGTTGTAATTGTCCTTTAAC  
TCGGGTATTGGTCTCGCTCAAGGCCAATTCAAGAATGAATAACGGTTGGTGTGAGTCAGCGAGGCTA  
ATGGCTGGCCCTGTTGAAACAAGTCTGGAAAGAAATGCAAAACTTTCGCCATTCTACCGGATTTCGTC  
GATTTCACCTGATAACCTTATTTGACGAGGGAAATTAAAGGGTGTGATTGATGTTGGACGAGTGGAAATCGCAGA  
CCGATAACGGATCTGCCATCTCATGGAACTGCTCGGTGAGTTCTCCTTCATTACAGAAACGGCTTTCAAAAT  
ATGGTATTGATAATCCGTATATGAAATAAAATTGGCAGTTCAATTGATGCTCGATGAGTTCTAAGAATTAA  
CGGATAACATATTGAAATGTTAGAAAAATAACAAATTGGGTTCCGGCACATTCCCGGAAAGTGCACCTGAAA  
TTGTTAAACGTTAAATATTGTTAAATTTCGGTTAAATTGGTAAATTCAGCTCATTTTAACCAATAGGCCGA  
GGCAAAATCCCTTAAATCAAAAGAATAAGACCGAGATAGGGTTGAGTTGGTCCAGTTGGAAACAAAGAGTCC  
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CAAGTTTTGGGTGCGAGGTGAGCTAAAGGACTAAATCGGAACCTAAATCGGAAAGCTAAAGGAGCCCCGATT  
AAGCCGGCGAACGGTGGCGAGAAAGGGAAAGGAAGGAAAGCAGGAAAGGGCAGCTAGGGGGCTACAGGGCG  
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Fig. 9A (continued)

(SEQ ID No. : 41)

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LIAADGGYAFKYENGKYDIKDVGDNAKAGLTFLVDLIKNKHMNADTDYSIAEAFNKGETAMTINGPWAWSNIDTSK  
VNYGVTVLPTFKGQPSKPFVGVLSSAGINAASPKNELAKEFLENYLLTDEGLAEVNKDPLGAVALKSYEEELAKDPRIAA  
TMENAQKGEIMPNIPQMSAFWYAVRTAVINAASGRQTVDDEALKDAQTNSSGGSGGMDEKTTGWRGGHVGEGLEQ  
LRARLEHHPQGOREPGSGHHHHHEF

Fig. 9B

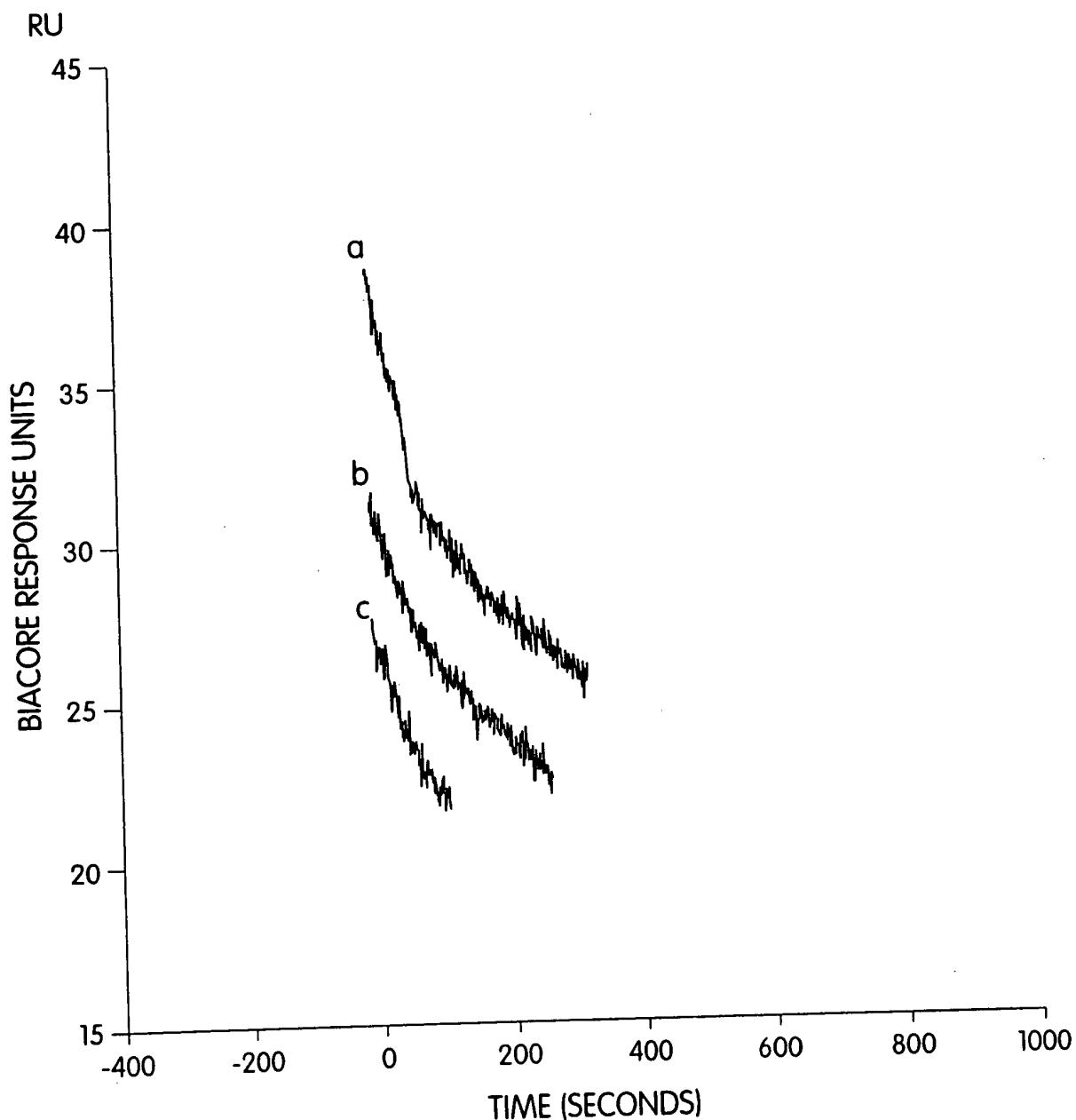


Fig. 10A

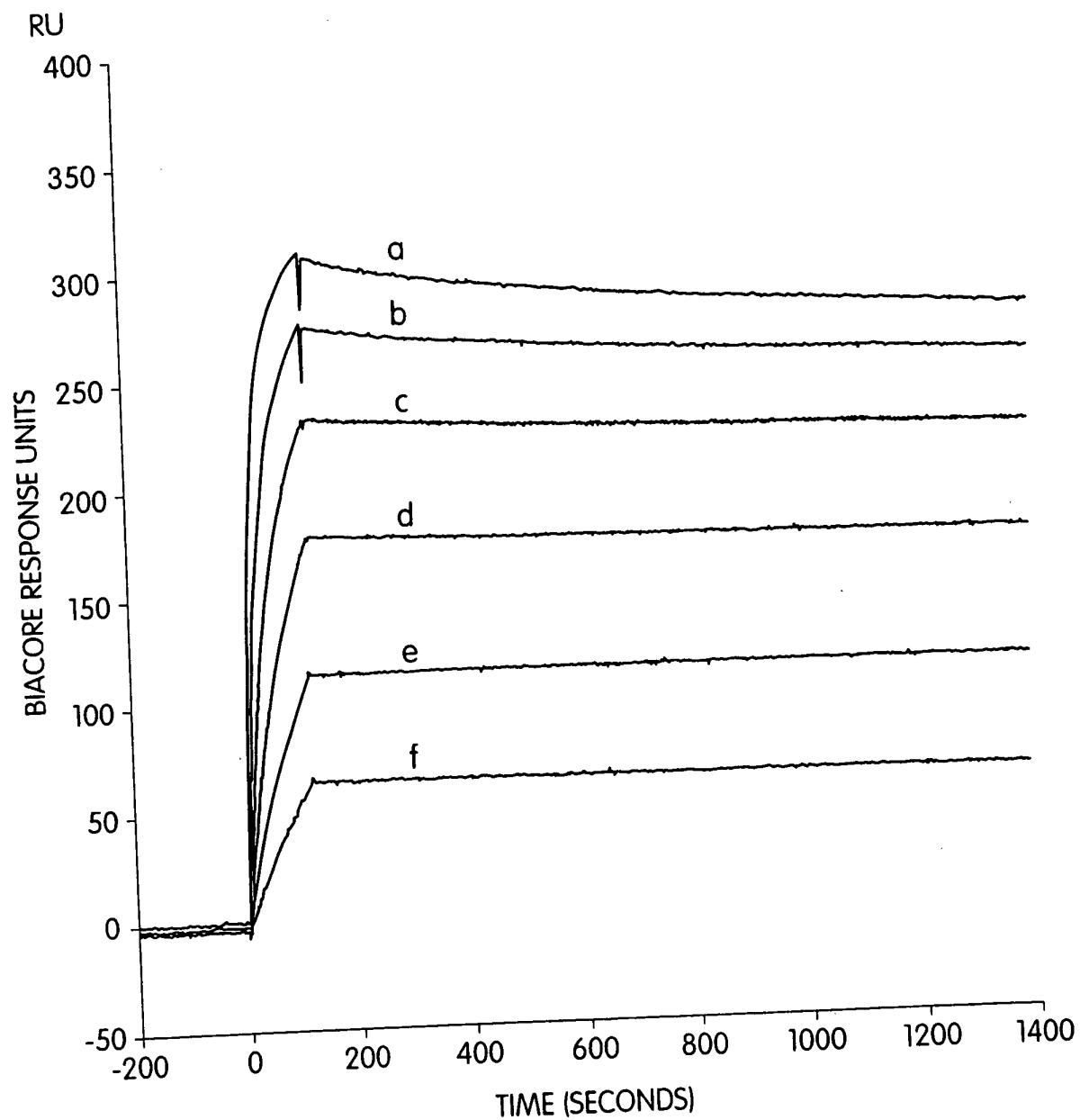
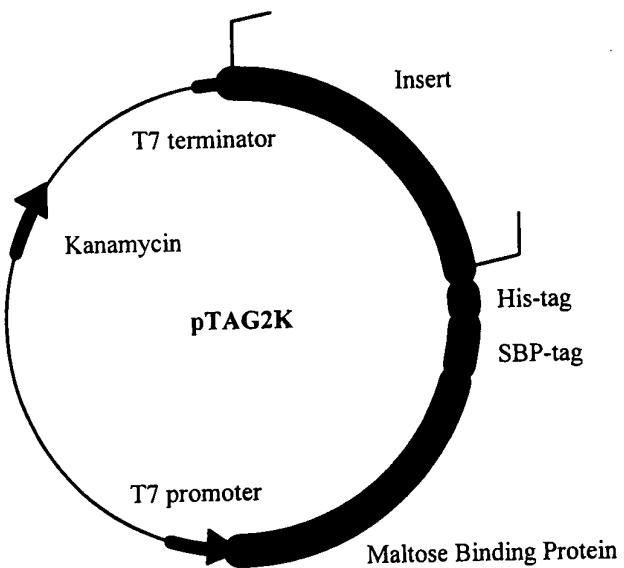


Fig. 10B



**Fig. 11**

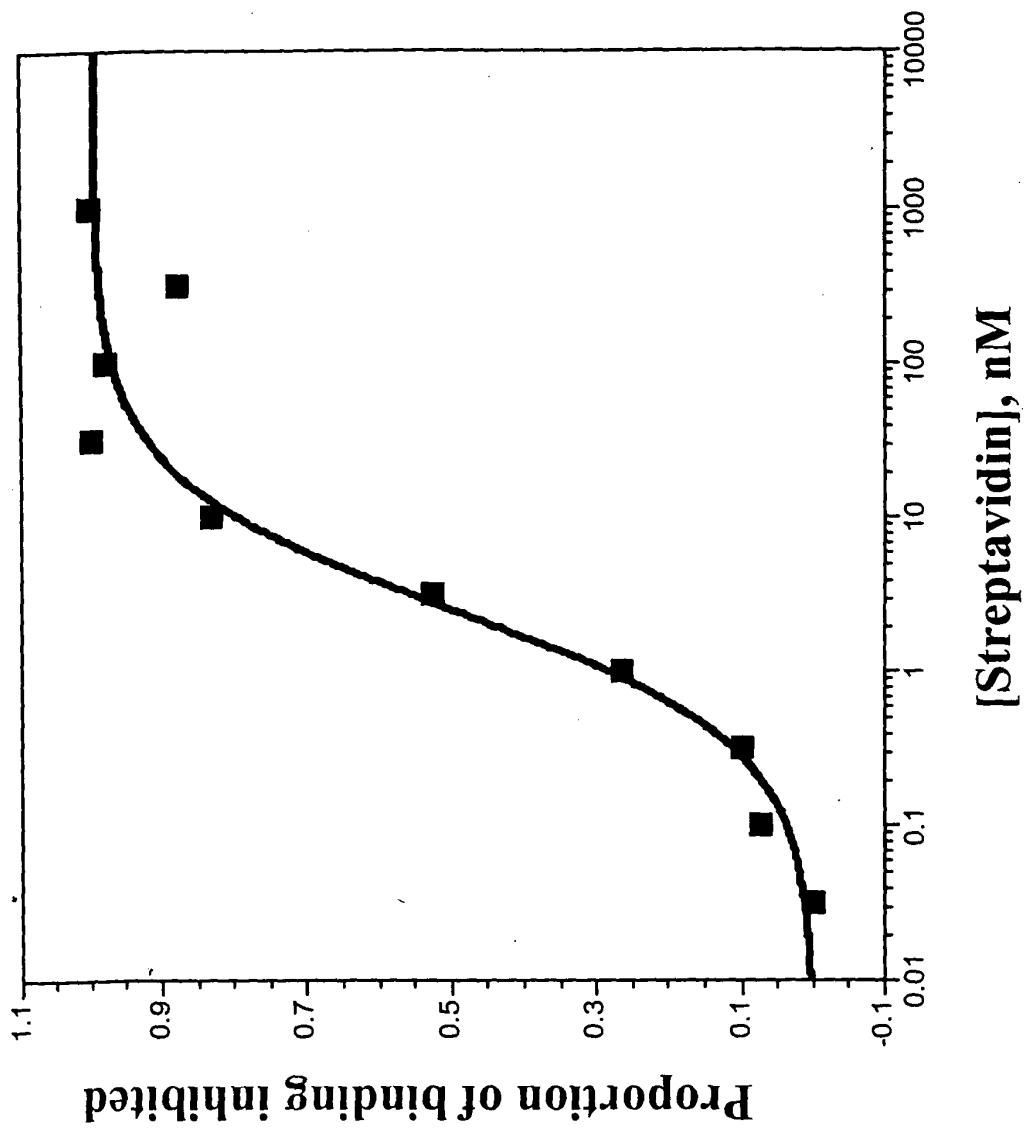
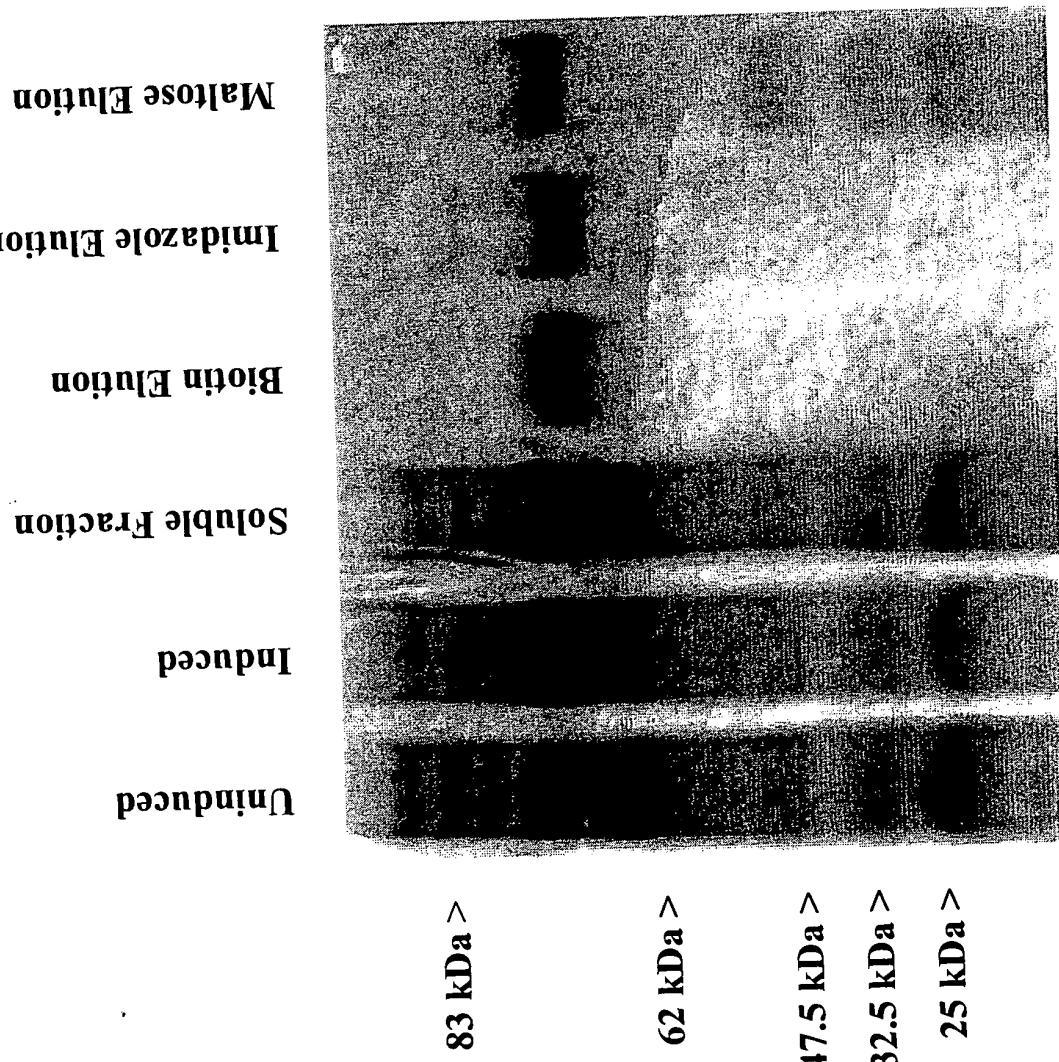
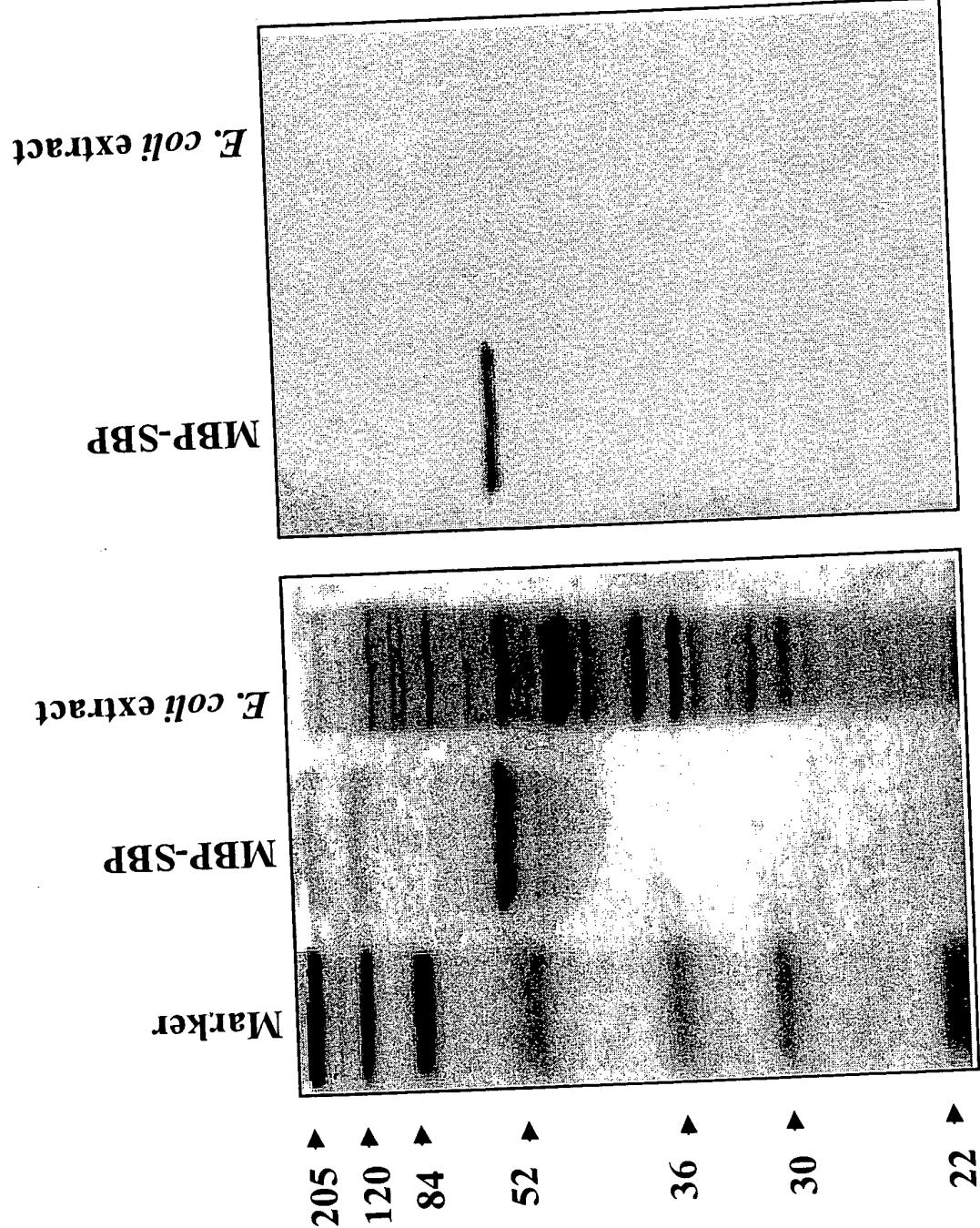


Fig. 12

Fig. 13





Blot developed with SA-HRP  
Total protein stain

Fig. 14

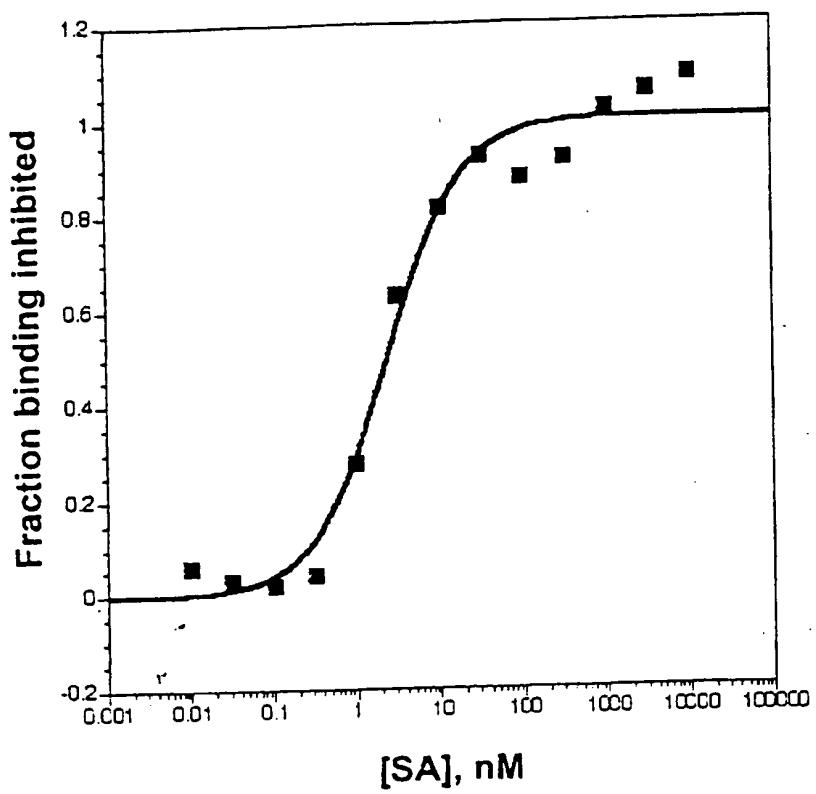


Fig. 15